

Claims

1-38. (Canceled).

39. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the surface of the device includes a chromium oxide layer.

40. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the polyisocyanates are selected from triisocyanurate, aliphatic polyisocyanate resins based on hexamethylene diisocyanate, aromatic polyisocyanate prepolymers based on diphenylmethane diisocyanate, polyisocyanate polyether polyurethanes based on diphenylmethane diisocyanate, polymeric isocyanates based on toluene diisocyanate, polymethylene polyphenyl isocyanate, polyester polyurethanes, and any combination thereof.

41. (Canceled).

42. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the amine content polymers are selected from polyethyleneamine, polyallylamine, polylysine, and any combination thereof.

43. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the acrylates are selected from copolymers of ethyl acrylate, methyl acrylate, butyl methacrylate, methacrylic acid, acrylic acid, cyanoacrylates, and any combination thereof.

44. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the polymers containing hydrogen bonding groups are selected from polyethylene-co-polyvinyl alcohol, epoxy polymers based on the diglycidylether of bisphenol A with amine crosslinking agents, epoxy polymers cured by polyols and Lewis acid catalysts, epoxy phenolics, epoxy-polysulfides, ethylene vinyl acetate, melamine formaldehydes, polyvinylalcohol-co-vinyl acetate polymers, resorcinol-formaldehydes, urea-formaldehydes, polyvinylbutyral, polyvinylacetate, alkyd polyester resins, acrylic acid modified ethylene vinyl acetate polymers, methacrylic acid modified ethylene vinyl acetate polymers, acrylic acid modified ethylene acrylate polymers, methacrylic acid modified ethylene acrylate polymers, anhydride modified ethylene acrylate copolymers, anhydride modified ethylene vinyl acetate polymers, and any combination thereof.

45. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the inorganic polymers are selected from silane coupling agents, titanates, zirconates, and any combination thereof.

46. (Withdrawn and previously amended) The implantable device of Claim 45, wherein the silane coupling agents are selected from 3-aminopropyltriethoxysilane, (3-glycidoxypropyl) methyldiethoxysilane, and any combination thereof.

47. (Withdrawn) The implantable device of Claim 45, wherein the titanates are selected from tetra-iso-propyl titanate, tetra-n-butyl titanate, or any combination thereof.

48. (Withdrawn) The implantable device of Claim 45, wherein the zirconates are selected from n-propyl zirconate, n-butyl zirconate, or any combination thereof.

49. (Withdrawn and amended) The implantable device of Claim ~~37~~ 65, wherein the surface is metallic.

50. (Withdrawn and currently amended) The implantable device of Claim ~~37~~ 65, wherein the reservoir region includes a combination of polymers.

51-64. (Canceled).

65. (Currently amended) An implantable device comprising a coating, wherein the coating comprises:

a) a reservoir layer comprising a polymer and a drug dispersed in the reservoir layer;
and

b) a primer region free from any drugs located between the reservoir layer and the surface of the device, the primer region comprising a material selected from a group consisting of polyisocyanates, unsaturated polymers, high amine content polymers, acrylates, polymers containing a high content of hydrogen bonding groups, inorganic polymers, and any combination thereof,

wherein the unsaturated polymer comprises at least one polymerizable group.

66. (Previously presented) The implantable device of Claim 65, wherein the unsaturated polymers are selected from polyester diacrylates, polycaprolactone diacrylates, polytetramethylene glycol diacrylate, polyacrylates with at least two acrylate groups, polyacrylated polyurethanes, triacrylates, and any combination thereof.

67. (Previously presented) The implantable device of Claim 65, wherein the device is a stent.